

**IMPROVED CACHE SYSTEM IN FACTORY SERVER
FOR SOFTWARE DISSEMINATION**

Babu K. Chandrasekhar
Shaofei Chen
Timothy W. Cox
Steven A. Grigsby

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ABSTRACT OF THE DISCLOSURE

A method and apparatus for minimizing the size of the cache that is required
10 to store software packages for installation on an information handling system. An
analysis is conducted on the individual program files contained in a software
application file. In the analysis, the software application file is disassembled into the
individual program files and each of the program files is decompressed and stored in
temporary file directories. Files that are common to each of the software packages are
15 identified. After the file comparison, the method and apparatus of the present
invention is used to re-group the files to generate a composite program file library that
contains all of the program files needed to regenerate the software application files.
This composite program file library is then stored on a cache in a factory server used
to manufacture information handling systems in a build to order process.